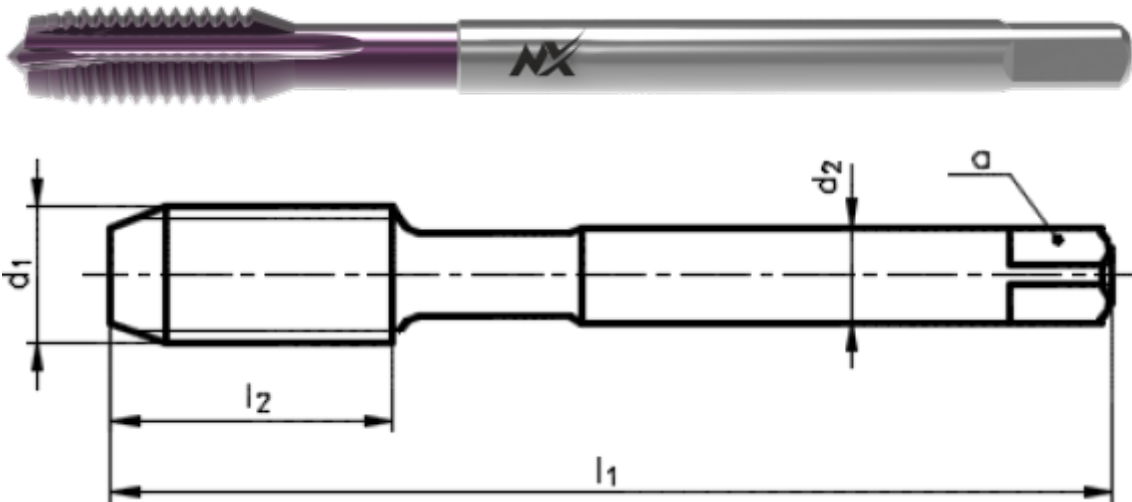


# Machine tap with straight flute and chip breaker

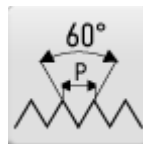


**CATALOGUE NUMBER: 3520NX**

High precision machine tap, metric, with straight flute and gun nose, DIN 376, TiAlN coated, suitable for construction steels, cast steels, free cutting steels, structural steels.



**THREAD M**  
ISO Metric coarse thread



**PROFILE SKETCH**  
60°



**THREAD STANDARD**  
DIN13



**TYPE N**  
Tap for steels up to 800 N/mm2



**TAP MATERIAL**  
Vanadium extra high speed steel HSSE V3



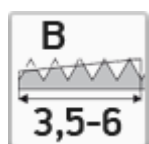
**COATING**  
TiAlN



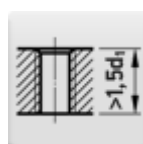
**TAP STANDARD**  
DIN 376



**THREAD TOLERANCE**  
ISO 2 - 6H



**CHAMFER B**  
Length 3,5-6 pitch



**HOLE TYPE**  
Through hole (thread length  $L > 1,5d_1$ )

# Select product model

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
042036252120000	M12	1,75	6H	110	28	9	7	55.80 EUR	67.52 EUR
042036252140000	M14	2	6H	110	30	11	9	56.95 EUR	68.91 EUR
042036252160000	M16	2	6H	110	32	12	9	77.75 EUR	94.08 EUR
042036252180000	M18	2,5	6H	125	34	14	11	115.40 EUR	139.63 EUR
042036252200000	M20	2,5	6H	140	34	16	12	123.00 EUR	148.83 EUR

## Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Free cutting steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Free cutting steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	12-20	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm2	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use

<b>MACHINED MATERIAL</b>	<b>HOLE TYPE</b>	<b>CUTTING SPEED</b>	<b>LUBRICATION</b>	<b>USE</b>
Structural steels up to 500 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use

**NAREX Ždánice, spol. s r.o.**

Městečko 250  
696 32 Ždánice, Česká republika

Tel.: +420 518 607 111  
Fax: +420 518 607 153  
E-mail: [sales@narexzd.cz](mailto:sales@narexzd.cz)  
Web: [www.narexzd.cz](http://www.narexzd.cz)